

SEMENOV, A.G., inzh.

Highly efficient method of oxygen cutting with a propane-butane mixture. Svar. proizv. no.4:33-35 Ap '61. (MIRA 14:3)

1. Tsentral'naya svarochnaya laboratoriya Litovskogo sovnarkhoza.
(Gas welding and cutting)

SEMENOV, A.G., inzh.

Device for increasing labor productivity and the precision of
hand gas cutting. Mont. i spets. rab. v stroi. 23 no.12:21-
22 D '61. (MIRA 15:2)

1. Baltiyskiy sudostroitel'nyy zavod.
(Metal-cutting tools)

BABICH, V.A., inzh.; SEMENOV, A.G., inzh.

Modernization of a PP-1 portable gas-cutting machine. Svar.
proizv. no.2:34-35 F '62. (MIRA 15:2)

1. TSentral'naya proizvodstvenno-issledovatel'skaya svarochnaya
laboratoriya Litovskogo sovnarkhoza.
(Gas welding and cutting—Equipment and supplies)

SEMENOV, A.G., inzh.

Improved design of standard cutters for the severance
cutting of metals. Svar. proizvod. no.7:36-38 JI '63.
(MIRA 17:2)

1. Tsentral'naya proizvodstvenno-issledovatel'skaya
svarochnaya laboratoriya Soveta narodnogo khozyaystva
Litovskoy SSR.

SEMENOV, A.G.; YEFIMOVA, F., red.

[Progressive methods of welding and cutting of metals;
materials of the 3d and 4th Republic Conference of
Lithuanian Welders] Progressivnye metody svarki i rezki
metallov; materialy III i IV respublikanskikh konferentsii
svarshchikov Litvy. Vil'nius, 1963. 231 p.

(MIRA 17:12)

1. Respublikanskaya konferentsiya svarshchikov Litvy.

SEMENOV, A.G., inzh.

Reducing the toxicity of TsM-7 electrodes. Svar. proizv. no.7:
28-29 J1 '64. (MIRA 18:1)

1. TSentral'naya svarochnaya laboratoriya Litovskogo soveta
narodnogo khozyaystva.

L 01862-67 EWT(1)/EWT(m)/EWP(t)/ETI IJP(c) JD/WW/GD

ACC NR: AT6029304

SOURCE CODE: UR/0000/66/000/000/0007/0026

AUTHOR: Petrov, V. I.; Polozhikhin, A. I.; Semenov, A. G.

ORG: none

TITLE: Heat transfer to sodium in a small diameter tube at high heat loads

SOURCE: Moscow. Energeticheskiy institut. Teploobmen v elementakh energeticheskikh ustanovok (Heat exchange in power installation units). Moscow, Izd-vo Nauka, 1966, 7-26

TOPIC TAGS: convective heat transfer, sodium, heat transfer fluid

ABSTRACT: The article reports the results of a study of heat transfer during the movement of sodium in a heated copper tube with an inside diameter of 0.09 mm. Data were obtained at specific heat loads reaching 20×10^6 watts/m² over a range of velocities from 1.7-30 meters/sec, at Reynolds numbers $Re = (4.5-71) \times 10^3$ and Peclet numbers from 27 to 485. The circulation loop was made of 1Kh18N9T steel. The article shows an overall scheme of the apparatus and detailed mechanical drawings of the experimental tube. The temperature of the outer surface of the tube was measured with six Chromel-Kopel thermocouples located at intervals of 5 mm. Detailed experimental data are shown in an extensive table (four pages). Based on this data, a figure illustrates the change in the Nusselt number as a function of the Peclet number for a

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L 01862-67
ACC NR: AT6029304

tube with a diameter of 1.09 mm. The majority of previous experiments on heat transfer to liquid metals have used tubes with a diameter greater than 8-10 mm and specific heat loads not exceeding approximately 1×10^6 watts/m². The results of the present investigation indicate that the relationship $Nu = 5 + 0.025 Pe^{0.8}$ can, in the majority of cases, be applied accurately in the calculation of heat transfer to alkali metals up to a tube diameter of 1 mm and specific heat loads of approximately 20×10^6 watts/m². Orig. art. has: 23 formulas, 7 figures and 1 table. 27

SUB CODE: 13, 20/ SUBM DATE: 05Apr66/ ORIG REF: 009/ OTH REF: 001

Card 2/2 LC

SEMENOV, A.G.

TARASENKO, M.P.; SHIK, B.I.; DOBROVOL'SKIY, P.M.; SEMENOV, A.G., red.

[Hints to fruit and grape growers] Sovety sadovodam i vinogradariam.
Kiev, Gos.izd-vo sel'khoz. lit-ry USSR, 1957. 234 p. (MIRA 10:12)
(Fruit culture) (Viticulture)

SEMEKOV, A.G., inzh.; SHUM, A.I., kand.fiz.-matem.nauk

Using electronic models to establish an analytical relationship between the pressure and height of peat in a field. Izv. vys. ucheb. zav.; gor. zhur. 6 no.7:157-160 '63. (MIRA 16:9)

1. Kalinskiy torfyanoy institut. Rekomendovana kafedrami mekhanicheskoy pererabotki torfa i vysshoy matematiki Kalininskogo torfyanogo instituta.

(Peat) (Electronic analog computers)

SEMONOV A.G.

USSR/Farm Animals.-Small Horned Stock

Q-3

Abs Jour : Ref Zhur - Biol., No 6, 1958, No 26153

Author : Bel'mont V.A., Semonov A.G.

Inst : Not Given

Title : Breeding of New Strains of the Kazakh Fine-Wool Sheep by Means of the Inbreeding of Ewes of the Hybrids, Precoce Kazakh Fat-Tailed, with the Rams of the Askaniya, Altay, and Grozny Breeds in the Kastek Pedigree Sheep-sovkhoz (Vyyedeniye novykh liniy kazakhskikh tonkorunnykh ovets putem vrodnoy skreshchivaniya matok pomesey prekos kazakhskaya kurdyuchmaya s baranami askaniyskoy, altayskoy i groznenskoy porod v Kastekskom plamennoy obtsesovkhoze)

Orig Pub : Tr. Alma-Stinsk. zoovet. in-ta, 1956, 9, 15-23

Abstract : In order to produce new lines of sheep of the Kazakh fine-wool breed with higher wool productivity, as from 1952 the rams of the Askaniya and Altay breeds, and from 1954 those of the Grozny breed, are extensively utilized. The crossing by way of inbreeding of the hybrid ewes with semi-five wool and

Card : 1/3

BAL'MONT, V.A., akademik; GRAFYEVA, L.G.; SEMENOV, A.G.

New swine breed in the southern districts of Kazakhstan. Dokl.
Akad. sel'khoz. 23 no.8:7-10 '58. (MIRA 11:8)

1. Alma-Atinskiy zoovetinstitut.
(Kazakhstan--Swine breeds)

SEMENOV, A.G.; KALININ, F.L., prof., rukovoditel' raboty

Physiological principles of the application of herbicides
together with fertilizers. Nauch.trudy Ukr.nauch.-issl.inst.;
fiziol.rast. no.23:184-199 '62. (MIRA 16:2)
(Herbicides) (Fertilizers and manures)

SEME NOV, A. I.

Automatic locking of the conveyor of an SKS-2 machine. Torf.
prom.32 no.5:28 '55. (MIRA 8:10)

1. Oktyabr'skoye torfopredpriyatiye
(Peat machinery)

PASKAL'SKAYA, M. YU., (Candidate of Veterinary Sciences), ZAYTSEVA, A. N. (Senior Scientific Co-Worker) and SEMENOV, A. I. (Veterinary Surgeon, Novosibirsk NIVS)

"Treatment of Dictyocaulus infestation in sheep"
Veterinariya, vol. 39, no. 6, June 1962 pp. 41

BUGROV, A.P.; SEMENKEVICH, S.R.; SEMENOV, A.I.; SLUTSKIY, G.V.;
SHAPIRO, I.I.; YUSUFOVICH, B.Ye.; SEMENOV, S.M., red.;
ZAYTSEVA, L.A., tekhn. red.

[Establishing norms is the basis of scientific labor
organization] Normirovanie - osnova nauchnoi organizatsii
truda. Moskva, Profizdat, 1964. 61 p. (Bibliotekha
profsoiuznogo aktivista, no.2(74)) (MIRA 17:2)

SEMENOV, A.P.

Antifriction materials containing polytetrafluoroethylene.
Mashinostroitel' no.7:16-17 J1 '63. (MIRA 16:9)
(Friction materials)

SEMENOV, A.I.

Types of minerogenetic provinces in the fold areas of the U.S.S.R.
Zakonom.razm.polezn.iskop. 7:387-388 '64. (MIRA 17:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.

SEMENOV, A. I.

A. I. Semenov, Organizatsiya proizvodstva na mebel'nykh predpriyatiyakh /Organization of Production in Furniture Enterprises/, Rosgizmesstprom, 16 sheets. -1953

The booklet states the circumstances attending the organization of production of furniture enterprises, describes methods of designing furniture and adapting the designs to mass production, and gives directions for the planning of production, work, and of production costs.

SO: U-6472, 12 Nov 1954

FABRITSKIY, Kh.B.; SEMENOV, A.I., redaktor; VOROB'YEVA, N.N., redaktor;
KARASIK, N.P., tekhnicheskii redaktor

[Standard work norms for the saw milling and woodworking industry]
Tekhnicheskoe normirovanie v lesopil'no-derevoobrabatyvaiushchem
proizvodstve. Moskva, Goslesbumizdat, 1954. (MLRA 7:10)
(Woodworking industries) (Job analysis)

SEMENOV, A.I.

GONCHARENKO, G.M.; SEMENOV, A.I.

Quick repair of artesian wells. Der. i lesokhim.prom. 3 no.7:
28 JI '54. (MLRA 7:7)

1. Darnitskiy fanernyy zavod.
(Artesian wells)

FABRITSKIY, Khanen Borisovich; SEMENOV, A.I., redaktor; BKL'CHENKO, N.I.,
redaktor; SHITS, V.P., tekhnicheskii redaktor.

[Establishing production norms for sawmills and woodworking industries]
Tekhnicheskoe normirovanie v lesopil'no-derevozobrabatывaushchem
proizvodstve. Izd. 2-ee, perer. Moskva, Goslebbumizdat, 1956. 265 p.
(Woodworking industries) (Sawmills) (MLRA 9:5)

SE MENOV, A. I.

TITKOV, G.G.; GREYNIMAN, S.B.; SEMENOV, A.I., red.; BACHURINA, A.M., tekhn.
red.

[Auxiliary tables for computing the volume of sawn lumber products]
Vspomogatel'nye tablitsy dlia ischisleniia ob'ema pilomaterialov.
Moskva, Goslesbumizdat, 1957. 367 p. (MIRA 11:7)
(Lumber trade--Tables and ready-reckoners)

FABRITSKIY, Khanon Borisovich; LYUBMAN, Semen Markovich; SEMENOV, A.I.,
red.; MEL'NIKOVA, M.S., red. izd-va; LOBANKOVA, R.Ye., tekhn. red.

[Reference book for establishing norms in the manufacture of
furniture] Spravochnik normirovshchika mebel'nogo proizvodstva.
Moskva, Goslesbumizdat, 1961. 279 p. (MIRA 14:7)
(Furniture industry) (Production standards)

SEMIN, A.I.; SHUVALOV, Yu.M.

Age of the Kyrylkul'sk intrusion in northern Kazakhstan. Dokl. Akad. Nauk SSSR 137 no.2:397-399 Apr '61. (Dokl. 14:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.
Predstavleno akademikom D.I. Shcherbakovym.
(Kyrylkul'sk region--rocks, Igneous)

FROLOV, S.G.; SHIF, Sh.L.; DESYATUN, I.I.; SEMENOV, A.I.; SKRYARENKO,
B.S.

Mechanization of veneer manufacturing shops. ~~Sam.~~1 der.prom.
no.4:5-10 O-D '62. (MIRA 15:12)

1. Darnitskiy fanernyy zavod.
(Darnitsa—Veneers and veneering)

SKLYARENKO, B.S., inzh.; SEMENOV, A.I., inzh.; DESYATUN, I.I., inzh.

Unit for feeding protein glue to glue-spreading rolls. Der. prom. 11 no.
8:25-26 Ag '62. (MIRA 17:2)

1. Darnitskiy fanernyy zavod.

SEMENOV, A.I.

Perfect the technique, technology, and organization of wood drying.
Der. prom. 12 no.6:1-2 Je '63. (MIRA 16:10)

1. Gosudarstvennyy komitet po lesnoy, tsellyulozno-bumazhnoy,
derevoobrabatyvayushchey promyshlennosti i lesnomu khozyaystvu
pri Gosplane SSSR.

FABRITSKIY, Khanan Borisovich; LYUBMAN, Semen Markovich; SEMENOV,
A.I., red.; BOYKO, L.I., red. izd-va; GRECHISHCHEVA, V.I.,
tekhn. red.

[Manual for the standards setter in furniture manufacture]
Spravochnik normirovshchika mebel'nogo proizvodstva. Izd. 2.,
perer. Moskva, Goslesbumizdat, 1963. 322 p.
(MIRA 17:2)

SEMENOV, A.I.; BOKSHCHANIN, Yu.R.

International symposium on sawmilling. Der. prom. 14 no.4:30-32
Ap '65. (MIRA 18:5)

JEMENOV, A.I.

Effect of an ultrahigh frequency electromagnetic field on
the femoral tissues of a rabbit. Biul. eksp. biol. i med.
60 no.7:64-66 J1 '65. (MIRA 18:8)

1. Laboratoriya deystivel'nogo chlena ANU SSSR prof. I.R. Petrova
(Nauchnyye rukovoditeli - deystvitel'nyy chlen ANU SSSR prof.
I.R. Petrov i kand. med. nauk A.G. Subbota, Leningrad).

SEMENOV, A. I.

Min Construction of Enterprises for the Metallurgical and Chemical Industries
USSR. Central Sci Res Inst of Industrial Structures (TsNIPS).

SEMENOV, A. I. - "Experimental investigation of the temperature forces in brick
smoke pipes." Min Construction of Enterprises for the Metallurgical and Chemical
Industries USSR. Central Sci Res Inst of Industrial Structures (TsNIPS). Moscow,
1956.

(Dissertation for the Degree of Candidate in Technical Sciences.)

SO: Knizhnaya Letopis' No. 13, 1956.

SEMENOV, A.I., kand.tekhn.nauk

Deformations to slag-pumice concretes. Sbor.trud.IUZHNII
no.3:76-98 '59. (MIRA 13:7)
(Concrete) (Strains and stresses)

SIEMENOV, A.I., kand.tekhn.nauk; SHERZHUKOV, G.Ye., inzh.

Experimental investigation of the loss of prestress in wire-reinforced composite girders. Sbor.trud.IUZHNII no.3:198-208
'59. (MIRA 13:7)

(Girders) (Strains and stresses)

MILONOV, V.M., kand.tekhn.nauk; SEMENOV, A.I., kand.tekhn.nauk

Compression strength and strain of clay brick structures
subjected to heating. Trudy NII ZHB no.6:284-306 '59.
(MIRA 12:10)

(Bricks) (Strains and stresses)

MILONOV, V.A., kand.tekhn.nauk; ~~SE~~SENOV, A.I., kand.tekhn.nauk

Analyzing temperature stresses in brick flues. Trudy NIIZHB
no.6:307-341 '59. (MIRA 12:10)
(Flues--Testing) (Bricks)

SEMEHOV, A.I., kand.tekhn.nauk

Performance of bent reinforced brick elements at high temperatures.
Prom.stroi. 37 no.3:52-58 Mr '59. (MIRA 12:4)

1. Yuzhnyy nauchno-issledovatel'skiy institut po stroitel'stvu.
(Bricks--Testing)

SEMENOV, A.I., kand.tekhn.nauk; BANDOS, P.L., inzh.; SHEVCHENKO, V.Ya.,
inzh.; SHERZHUKOV, G.Ye., inzh.

Fiber glass reinforcements for concrete construction elements. Sbor.trud.IUZHNII no.3:209-217 '59.
(MIRA 13:7)

(Glass fibers) (Reinforced concrete)

ROSLYAKOV, Ye.A.; DESYATUN, I.I.; SEMENOV, A.I.

Automatic control and regulation of the conditions for drying
veneer sheets in roll dryers. Bum. i der. prom. no.3:6-9 J1-
S '63. (MIRA 17:2)

1. Proyektno-konstruktorskiy tekhnologicheskiy institut Kiyevskogo
soveta narodnogo khozyaystva (for Roslyakov). 2. Darnitskiy faner-
nyy zavod (for Desyatun, Semenov).

SEMENOV, A.I.; NIKANOROV, L.L.

Glass furnace without a working end. Stek. i ker. 20 no.4:30-31
Ap '63. (MIRA 16:3)

1. Berezichskiy stekol'nyy zavod.
(Glass furnaces)

SEMENOV, A.I., podpolkovnik meditsinskoy sluzhby; GALKIN, P.Ye.,
podpolkovnik meditsinskoy sluzhby

Dynamics of the content of lipoproteins in the blood serum
of atherosclerosis patients during sanatorium treatment.
Voen. med. zhur. no.10:63-64 0 '65. (MIRA 18:11)

SEMENOV, A.I. (Leningrad)

Method of studying muscle temperature in a chronic experiment.

Pat. fiziol. i eksp. terap. 9 no.1:78 Ja-F '65.

(MIRA 18:11)

CA SEMENOV, A.I.

Rare metal ores in eastern Kazakhstan. A. I. Semenov (Vsesoyuz. Geol. Inst.). *Doklady Akad. Nauk S.S.S.R.* 50, 411-14 (1945). Many newly discovered deposits have a high economic value; they concern chiefly W, Mo, Bi, Sn, Ta, Nb, Li, Be, rare earth metals, and disperse elements. They are connected to granites of the Variscan (mostly Permian) cycle. The intrusions are surprisingly uniform in their mineralogical and chemical character, only little differentiated in structure and composition. Typical biotite granite plutons predominate, with apolite and porphyric varieties. Analyses of these rocks are given; K₂O is higher than Na₂O. Monazite, zirconite, and samarskite are enriched in the upper parts and often fill veins in fractured zones. The rare elements are especially enriched in the fine-grained alkali, apolite, and granite-porphyr, always combined with marked differentiation reactions. Two exterior zones with prevailing W-Mo ore character (Altai and Dagestan-Bayanaul) never bear Sn and Li deposits of any considerable size, while the central zone (Priirtysh) is typical in its Li-Sn mineralizations, but with little Mo. The deposits are mainly found in the inner portions of the granite, rarely in the exo-contact mineralization. The economically important deposits are prevailing, however, of the quartz-schistose types. Other magmatic facies, either pegmatitic, or greisen, skarn or hypo- and meso-thermal deposits are entirely subordinate. Placer deposits of practical importance are only known from the Priirtysh (Kalka-Naryn) zone. W. Eitel.

SEMENOV, A.I.

Age of red-brown clays in the southeastern part of the Rudnyy Altai.
Mat. VSEGEI Ob. ser. no. 8:76-78 '48. (MIRA 11:4)
(Altai Mountains--Clay)

KRIGER, N. I. and SEMENOV, A. I.

"Characteristics of the Synclines of the Southwest Margin of the Chuysk Lowland,"
Problemy Fizicheskoy Geografii (Problems of Physical Geography), Vol. 16,
Symposium, Moscow, 1951.

U-1483, 25 Sept 51

KRIGER, N.I.; SEMENOV, A.I.

Role of recent tectonics in the geomorphogeny of the lesser Kara-Tau Mountains and their foothills. Izv.Vses.geog.ob-va 85 no.5:577-587 S-0 '53.

(MLRA 6:10)

(Kara-Tau--Physical geography) (Physical geography--Kara-Tau)

SEMENOV, A.I., redaktor; ZININ, I.F., tekhnicheskiiy redaktor.

[Geographical atlas for secondary school teachers] Geograficheskii atlas dlia uchitelei srednei shkoly. Moskva, 1954. 191 p.(MLRA 7:9)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye geodesii i karto-grafii.

(Atlases)

BEL'KOVA, L.N.; OGNEV, V.N.; SEMENOV, A.I.

Two hypotheses on the origin of polymetallic mineralization in
the Altai. Izv.AN SSSR Ser.geol. no.1:30-39 Ja-F '54. (MLRA 7:3)
(Altai Territory--Mineralogy) (Mineralogy--Altai Territory)
(Geochemistry)

SEMENOV, A. I.

USSR/Geology - Ore formation

Card 1/1 Pub. 46 - 5/19

Authors : Ivankin, P. F.

Title : Regarding the article by L. N. Bel'kaya, V. N. Ognev and A. I. Semenov, "Two Hypotheses of the Formation of the Polymetallic Ore Deposits in the Altai Region"

Periodical : Izv. AN SSSR. Ser. geol. 5, 66 - 76, Sep - Oct 1954

Abstract : A critical consideration is given to the basic propositions of the effusion-deposit hypothesis of the formation of the polymetallic ores, according to which the formation of the ore is connected with the fumarole-solfatara action of volcanoes of the Devonian and Carboniferous periods. The author finds a contradiction between the basic propositions of this hypothesis and the data from thematic research and prospecting in the ore fields of the sulfur-pyrite type are connected with the last stages of the magmatic cycle beginning in the third Devonian epoch and ending in the Paleozoic era. Nine Soviet references (1946 - 1954). Table.

Institution:

Submitted: April 3 1954

SEMEROV, A.I.

Work experience gained in compiling a geographic atlas designed for
the use of high school teachers. Sbor.st.no kart. no.6:31-38 '54.
(MLRA 10:9)

(Atlases)

SEMINOV, A.I.

VOZNESENSKIY, D.V.; AMELANDOV, A.S.; GEYSLER, A.N.; GOLUBYATNIKOV, V.D.;
[deceased]; DOMAREV, V.S.; DOMINIKOVSKIY, V.N.; DOVZHIKOV, A.Ye.;
ZAYTSEV, I.K.; IVANOV, A.A.; ITSIKSON, M.I.; IZOKH, E.P.; KNYAZEV,
I.I.; KORZHENEVSKAYA, A.S.; MISHAREV, D.T.; SEMENOV, A.I.; MORO-
ZENKO, N.K.; NEFEDOV, Ye.I.; RADCHENKO, G.P.; SERGIYEVSKIY, V.M.;
SOLOV'YEV, A.T.; TALDYKIN, S.I.; UNKSOV, V.A.; KHABAKOV, A.V.;
TSEKHOMSKIY, A.M.; CHUPILIN, I.I.; SHATALOV, Ye.T.; glavnyy redak-
tor; KRASNIKOV, V.I., redaktor; MIRLIN, G.A., redaktor; RUSANOV, B.S,
redaktor; POTAPOV, V.S., redaktor izdatel'stva; GUROVA, O.A., tekhnicheskii redaktor.

[Instructions for organization and execution of geological surveys
in scales of 1:50,000 and 1:25,000] Instruktsiya po organizatsii
i proizvodstvu geologo-s"emochnykh rabot masshtabov 1:50,000 i
1:25,000. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i
okhrane neдр. 1956. 373 p. (MLRA 10:6)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany neдр.
(Geological surveys)

SEMENOV, A.I.; SERPUKHOV, V.I.

General principles of regional metallogenic analysis. Mat. VSEGEI
no.22:5-20 '57. (MIRA 10:10)
(Ore deposits)

SEMENOV, A.I.

Structural metallogenic zones; features of the spatial
distribution of endogenous minerals. Mat. VSEGEI no.22:111-128
'57. (MIRA 16:10)
(Ore deposits)

AUTHOR: Semenov, A.I.

6-58-4-8/18

TITLE: The Preparation of the Cadres and the Practical Instruction of Students in the Scientific-Editorial Department for the Drawing up of Maps (Podgotovka kadrov i uchebno-proizvodstvennaya praktika studentov v Nauchno-redaktsionnoy kartosostavitel'skoy chasti)

PERIODICAL: Geodeziya i Kartografiya, 1958, Nr 4, pp. 40-42 (USSR)

ABSTRACT: During the period of from 1933-1934 the work of organizing mass instruction for the purpose of improving the qualifications of cartographers was begun at the scientific-editorial department for the composition of cartographical maps. A program comprising 100-150 hours of instruction was worked out for this purpose. 30-50 hours were devoted to theoretical instruction and the rest to instruction in practice. These cartographers are still active today. Many of them have meanwhile completed their studies at secondary schools or of university correspondence courses. During the years that followed their ranks were regularly filled by persons with secondary school education such as had attended two years' special courses. The department mentioned is in close

Card 1/2

The Preparation of the Cadres and the Practical
Instruction of Students in the Scientific-Editorial
Department for the Drawing up of Maps

6-56-4-8/18

cooperation with MIIGAik, so that also highly qualified cartographical engineers assisted in the work. At present this department is one of the basic centers at which all students of the MTT, MGU, MIIGAik, and of the geographical faculty of Voronezh State University take their practical courses. There follows a short description of the syllabus for the students.

AVAILABLE: Library of Congress

1. Cartography--Study and teaching

Card 2/2

SEMEYEV, A. I.

SEMEYEV, A. I.

Principles and methods of plotting metallogenic maps of Eastern
Kazakhstan. Sov. geol. no.58:110-127 '58. (MIRA 11:2)

1. Vsesoyuznyy geologicheskii nauchno-issledovatel'skiy institut.
(Kazakhstan--Ore deposits)
(Cartography)

SEменов, A.I., otv.red.; FILIPPOV, Yu.V., prof., doktor tekhn.nauk, red.;
 BASHLAVIN, V.A., kand.tekhn.nauk, red.; VOYNOVA, V.V., red.; GURARI,
 Ye.L., kand.ekonom.nauk, red.; GUREVICH, I.V., red.; ZHIV, I.S., red.;
 ZARUTSKAYA, I.P., red.; ZASLAVSKIY, I.I., red.; KOZLOV, F.M., red.;
 NIKISHOV, M.I., kand.geograf.nauk, red.; SADCHIKOV, S.F., red.;
 TIKHOMIROV, D.I., red.; TUTOCHKINA, V.A., red.; BALANTSEVA, I.A., red.
 kart; BOGDANOVA, L.A., red.kart; BOCHAROVA, I.L., red.kart; VENEVTSEVA,
 G.P., red.kart; VOLKOVA, A.P., red.kart; GOSTEVA, N.A., red.kart;
 YEFIMOVA, G.N., red.kart; ZHIV, D.I., red.kart; KRAVCHENKO, A.V., red.
 kart; KUBRIKOVA, N.S., red.kart; KUZNETSOVA, N.A., red.kart; KURSAKOVA,
 I.V., red.kart; LOBZOVA, N.A., red.kart; MERTSALOVA, L.M., red.kart;
 MOSTMAN, S.L., red.kart; PANFILOVA, M.V., red.kart; SEMENOVA, V.D.,
 red.kart; SMIRNOVA, T.N., red.kart; TERESHKOVA, V.S., red.kart;
 FEDOROVSKAYA, G.P., red.kart; FETISOVA, N.P., red.kart; FIL'GUS, Z.Kh.,
 red.kart; SHAPIRO, Ye.M., red.kart; SHISHKIN, Ye.A., red.kart; YASHU-
 NICHKINA, Ye.G., red.kart. V razrabotke kart prinimali uchastiye:
 ALISOV, B.A., prof.; BERZINA, M.Ya.; VASILEVSKIY, L.I.; GAVRILOVA,
 S.A., kand.geograf.nauk; GINZBURG, G.A., kand.tekhn.nauk; DOBOSHINSKAYA,
 I.B.; YEVSTIGNEYEVA, A.I.; LAVRENKO, Ye.M., prof.; LOZINOVA, V.M., kand.
 tekhn.nauk; MILANOVSKIY, Ye.Ye., kand.geologo-mineral.nauk; MIKHAYLOV,
 A.A., prof.; MYSHKIN, Ye.P.; PUZANOVA, V.F., kand.geograf.nauk;
 (Continued on next card)

SEMENOV, A.I.---(continued) Card 2.

ROZOV, N.N., prof.; SMIRNOV, D.I.; TARASOV, A.P.; TROFIMOVSKAYA, Ye.A., kand.geograf.nauk; TUGOLESOV, D.A., kand.geologo-mineral.nauk. ZININ, I.F., tekhn.red.

[Geographical atlas for secondary school teachers] Geograficheskii atlas; dlia uchitelei srednei shkoly. Izd.2. Moskva, Glav.upr. geodezii i kartografii MVD SSSR, 1959. 191 p. (MIRA 12:11)

1. Predstavitel' Nauchno-issledovatel'skogo instituta metodov obucheniya Akademii pedagogicheskikh nauk RSFSR (for Zaslavskiy).
2. Predstavitel' Upravleniya shkol Ministerstva prosvyashcheniya RSFSR (for Tutochkina).
3. Chleny-korrespondenty AN SSSR (for Lavrenko, Mikhaylov).

(Maps)

SEMENOV, A.I.; LABAZIN, G.S.

Basic problems of study in the field of regional metallogeny.
Zakonom. razm. polezn. iskop. 2:60-77 '59. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut
Ministerstva geologii i okhrany nedr SSSR.
(Ore deposits)

SEMENOV, A.I.

Metallogeny of uranium. Zakonom. razm. polezn. iskop. 2:110-135
'59. (MIRA 15:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut
Ministerstva geologii i okhrany nedr SSSR.
(Uranium ores)

3(2)

AUTHOR:

Semenov, A. I.

SOV/6-59-3-11/16

TITLE:

New Edition of the Geographic Atlas for Secondary School Teachers (Novoye izdaniye Geograficheskogo atlasa dlya uchiteley sredney shkoly)

PERIODICAL:

Geodeziya i kartografiya, 1959, Nr 3, pp 55-61 (USSR)

ABSTRACT:

The first edition of the geographic atlas for secondary school teachers was worked out by the Tsentral'nyy nauchno-issledovatel'skiy institut geodezii, aeros'yemki i kartografii (Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography). The Nauchno-redaktsionnaya kartosostavitel'skaya chast' GUGK MVD SSSR (Scientific Editorial Mapping Division of the GUGK MVD, USSR) was responsible for the compilation, completing and ultimate preparing of the atlas for print, which was published in 1954. It contains 191 pages, 156 of which are maps. Part One: introduction. Part Two: world and foreign maps. Part Three: USSR. In preparing the second edition the contents was revised and editing was improved. The work done in this connection is described. For the first time, a card file was set up of the industrialized localities of both the USSR and the foreign

Card 1/3

New Edition of the Geographic Atlas for Secondary
School Teachers

SOV/6-59-3-11/16

countries in the NRRCh. The wearisome and comprehensive work required for putting together the cartograms of the agricultural soil distribution is pointed out. A special team of editors was necessary for selecting the pertinent data from publications for the economic maps. The general geographic maps of the Northern and Eastern regions of the USSR were re-elaborated according to new data. Submitted to the same process were the geological map, the botanical map, the map showing the population density, all agricultural maps of the various sectors of the USSR. The data of population density are based on the findings of the TsSU (Tsentral'noye statisticheskoye upravleniye) (Central Statistical Administration) as of January 1, 1956. The transliteration of geographic names was improved, basing on the administrative service manuals and on the "Slovar' russkoy transkriptsii geograficheskikh nazvaniy" (Dictionary of Russian Transliteration of Geographic Names). The "Slovar' inostrannykh nazvaniy" (Dictionary of Foreign Names) was the basis for foreign geographic names. The technique of compiling and editing was the same as before. It was worked out in 1950-1952 and is

Card 2/3

New Edition of the Geographic Atlas for Secondary
School Teachers

SOV/6-59-3-11/16

described by I. V. Gurevich (Ref 2). The following persons participated in preparing the second edition: the scientific collaborators of the TsNIIGAIK Yu. V. Filippov, V. A. Bashlavin, M. I. Nikishov, and Ye. L. Gurari. Editorial work and compilation in the NRKCh were carried out under the supervision of K. S. Medvedev. Credit also goes to: I. A. Balantseva, G. P. Veneshcheva, A. P. Volkova, N. N. Gus'kova, D. I. Zhiv, A. V. Kravchenko, N. S. Kubrikova, N. A. Lobzova, S. P. Mostman, M. V. Panfilova, V. D. Semenova, V. S. Tereshkova, L. M. Timasheva. There are 2 Soviet references.

Card 3/3

SEMENOV, A.I.; LABAZIN, G.S.; GRUSHEVOY, V.G.; TATARINOV, P.M.

Metallogenetic map of the U.S.S.R. made on 1:5,000,000. Sov. geol.
3 no.8:3-25 Ag '60. (MIRA 13:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.
(Ore deposits--~~Maps~~)

GRUSHEVOY, V.G. [Hrushevyi, V.H.]; LABAZIN, G.S. [Labazin, H.S.]; SEMENOV, A.I. [Semenov, O.I.]; TATARINOV, P.M. [Tatarynov, P.M.]

First general meyallogenetic map of the U.S.S.R. Geol.zhur. 21
no.6:5-11 '61. (MIRA 15:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut,
Leningrad.

(Ore deposits--Maps)

SEMENOV, A.I., nauchnyy sotr. Primal uchastiye IVANOVSKIY, G.I.,
krayevod (Borovichi); MOROZOV, G.A., red.

[Tourists' routes across Novgorod Province] Turistskie mar-
shruty po Novgorodskoi oblasti. Novgorod, Knizhnaia red.gazety
"Novgorodskaya pravda," 1961. 77 p. (MIRA 15:1)

1. Novgorodskiy muzey (for Semenov).
(Novgorod Province—Guidebooks)

SEMEYOV, A.I.

(19)

Baku, 18-23 Sept 1962
 Regularities in the Formation and Distribution of Endogenous
 Mineral Resource Deposits,
 The Third All-Union Conference on...
 8/011/63/000/001/002/002
 AOC6/A101

Group 2 included reports on--
 endogenous deposits in other synclinal regions, such as mercury formations in
 Siberia and the Far East (V. A. Kuznetsov), pyrite deposits in the Ural (S. N.
 Ivanov), Kimeridgian and Alpine metallogeny in Uzbekistan (I. Kh. Khamrabayev);
 ore region types in the Pacific area (Ye. A. Radkevich); metallogeny in Tadzhik-
 istan (K. I. Litvinenko); hydrothermally transformed rocks in the Trans-Carpa-
 thian region (M. Yu. Fishkin) peculiarities in magmatism and metallogeny of the
 Mountainous Crimea (V. I. Lebedinskiy), antimony-mercury fields (M. A. Karasik)
 and others. Group 3 included reports on the classification of metallogenous zones
 and provinces of the Earth crust (D. I. Gorzhevskiy); classification of metallo-
 genous zone types of the Earth crust (V. N. Kozerenko); classification of mag-
 matogenous non-metallic mineral resources as a basis of prognoses and prospecting
 (V. P. Petrov); types of metallogenous provinces in synclinal regions of the
 USSR (A. I. Semenov); principles of geological zoning on the example of Central
 Asia (K. L. Babayev); comparative characteristics of metallogeny in Malyy Caucasus
 and the Kamchatka-Koryak zone (I. G. Magak'yan), some particularities of metallo-
 geny in the Mediterranean geosynclinal region (G. A. Tvalchrelidze); rootless
 plutons and some peculiarities in the magmatism of moving zones (A. P. Lebedev);
 paragenetic ore complexes (P. S. Saakyan) the part of deep-lying breaks in
 metallogeny of syncline regions on the example of the Caucasus (E. Sh. Shikhali-
 beyli). The closing report was read by A. V. Sidorenko, Minister of Geology and
 Preservation of Mineral Resources of the USSR.

Isvestiya Ak nauk SSSR, Seriya Geologicheskaya, No. 1, 1963, pp 126-128

ABDULKABIROVA, M.A.; ALEKSANDROVA, M.I.; AFONICHEV, N.A.; BANDALETOV, S.M.; BASHPALOV, V.F.; BOGDANOV, A.A.; BOROVNIKOV, L.I.; BORSUK, B.I.; BORUKAYEV, R.A.; BUVALKIN, A.K.; BYKOVA, M.S.; DVORTSOVA, K.I.; DEMBO, T.M.; ZHUKOV, M.A.; ZVONTSOV, V.S.; IVSHIN, N.K.; KOPYATEVICH, R.A.; KOSTENKO, N.N.; KUMPAN, A.S.; KUNDYUKOV, K.V.; LAVROV, V.V.; LYAPICHEV, G.F.; MAZURKEVICH, M.V.; MIKHAYLOV, A.Ye.; MIKHAYLOV, N.P.; MYCHNIK, M.B.; NIDLENKO, Ye.M.; NIKITIN, I.F.; NIKIFOROVA, K.V.; NIKOLAYEV, N.I.; PUPYSHEV, N.A.; RASKATOV, G.I.; REINGARTEN, P.A.; SAVICHEVA, A.Ye.; SALIN, B.A.; SEVRYUGIN, N.A.; SEMENOV, A.I.; CHERNYAKHOVSKIY, A.G.; CHUYKOVA, V.G.; SHLYGIN, Ye.D.; SHUL'GA, V.M.; EL'GER, E.S.; YAGOVKIN, V.I.; NALIVKIN, D.V., akademik, red.; PERMINOV, S.V., red.; MAKHUSHIN, V.A., tekhn.red.

[Geological structure of central and southern Kazakhstan]
Geologicheskoe stroenie TSentral'nogo i IUzhnogo Kazakhstana.
Leningrad, Otdel nauchno-tekhn.informatsii, 1961. 496 p.
(Leningrad. Vsesoiuznyi geologicheskii institut. Materialy, no.41)
(MIRA 14:7)

(Kazakhstan--Geology)

SEMENOV, A. I.

SEMENOV, A. I.

Types of metallogenic provinces in the fold areas of the U.S.S.R.
Geol.rud.mestorozh. 5 no.4:3-23 J1-Ag '63. (MIRA 16:9)

1. Vsesoyuzny nauchno-issledovatel'siy geologicheskii institut,
Leningrad.

(Ore deposits) (Geology, Structural)

SEMENOV, A.I.

Large-scale prognostic maps. Sov. ~~geol.~~ 6 no.10:86-96 0 '63.
(MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskii institut.

GRUSHEVOY, V.G.; DOMAREV, V.S.; ITSIKSON, M.I.; KOFMILITSYN, V.S.;
MARKOVSKIY, A.P.; MOROZENKO, N.K.; NEKHOROSHEV, V.P.;
PADALKA, G.L.; SEMENOV, A.I.; SERPUKHOV, V.I.; TATARINOV, P.M.;
SHATALOV, Ye.T.

Grigoriĭ Sergeevich Labazin, 1898-1963; obituary. Geol..
rud. mestorozh. 6 no.2:125-126 Mr-Ap '64. (MIRA 17:6)

GRUSHEVOY, V.G.; MOMAREV, V.S.; SEMENOV, A.I.; TATARINOV, P.M.

Nikolai Ivanovich Nakovnik, 1895- . Sov.geol. 8 no.11:
170-171 N '65. (MIRA 19:1)

SEMENOV, A. N., inzh.

Radiation of a longitudinally bent waveguide with a surface
wave. Trudy MAI no. 159:309-322 '64. (MIRA 17:12)

SEMENOV, A. I., inzhener.

"Sil'fon"; apparatus to signal cable insulation damages. Vest.
aviazi 7 no.8:18-19 Ag '47. (MLRA 9:1)
(Electric cables)

SEMEYEV, A. I.

PA 1TL5

USSR/Communications - Conference

Mar 1947

"The All-Union Congress for the Improvement of
Communications," A I Semenov, 1 p

"Vestnik Svyazi" Vol 7, No 84

All-union congress of specialists in the field
are to meet in the immediate future to advance
suggestions on ten proposed topics.

1TL5

SEME NOV
LUZHETSKIY, N.N.; POSTNOV, I.G.; SEMENOV, A.I.; ZAVARZIN, S.I.;
KOROBV, Yu.M., redaktor; MOROZOVA, T.M., tekhnicheskij redaktor.

[Line supervisor of city telephone systems] Lineinyi nadsmotrshchik
gorodskoi telefonnoi seti. Moskva, Gos.izd-vo lit-ry po voprosam
svyazi i radio, 1951. 394 p. (MLRA 9:1)
(Telephone)

SEMENOV, A. I.

LUZHETSKIY, N.N.; POSTNOV, I.G.; SEMENOV, A.I.; ZAVARZIN, S.I.; KORO-
BOV, Yu.M., redaktor; SOKOLOVA, R.Ia., tekhnicheskiy redaktor.

[City telephone system lineman] Lineinyi nadsmotrshchik gorodskoi
telefonnoi seti. 2. izd., ispr. i dop. Moskva, Gbs. izd-vo lit-
ry po voprosam aviatsii i radio, 1953. 406 p. (MLRA 7:7)
(Telephone)

SELENIOV, A. I.

"Use of Loading Coils on Cables with Polyvinyl-Chloride Insulation
Employed in Intrarayon Communications Nets"

Vestnik Svyazi, No 8, 1953, pp 15-16

Translation M-1345, 11 Dec 56

PASKAL'SKAYA, M. Yu., kand. veterin. nauk; ZAYTSEVA, A.N., starshiy
nauchnyy sotrudnik; SEMENOV, A.I., veterinarnyy vrach

Eliminating dictyocaulosis in sheep. Veterinariia 39 no.6:41
Ja '62 (MIRA 18:1)

1. Novosibirskaya nauchno-issledovatel'skaya veterinarnaya
stantsiya.

L 58400-65 EWG(j)/EWG(r)/EWI(1)/FS(v)-3/EWG(v)/EWG(a)-2/EWG(c) Pe-5 DD/JRT(CZ)
 ACCESSION NR: AP5017650 UR/0219/65/060/007/0064/0066
 612.563-06:612.014.426+612.014.126:612.563

AUTHOR: Semenov, A. I. (Leningrad)

TITLE: The effect of UHF on the temperature of rabbit femoral tissues

SOURCE: Byulleten' eksperimental'noy biologii i meditsiny, v. 60, no. 7, 1965, 64-66

TOPIC TAGS: UHF, biological effect, femur, rabbit, dielectric permittivity

ABSTRACT: The effects of multiple exposure to UHF (12.6 cm) on the thermodynamics of the femoral tissues of 110 rabbits were studied. The animals were irradiated by a Luch-58 generator (150 w/cm², 10-min. duration, 3-, 4-, and 24-hr intervals between irradiations). Both normal limbs and those which had been denervated and tourniqueted to eliminate blood flow were measured, using special thermocouples. Various sections of the central nervous system were functionally eliminated using anesthetics. Some results of the tests are given in Tables 1 and 2 of the Enclosure. It was found that elimination of parts of the CNS (cerebrospinal and ether anesthesia) completely precluded a cumulative thermal effect in femoral tissues. When the in-

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L 58400-65

ACCESSION NR: AP5017650

tensity of irradiation was increased to 300 mw/cm² for 10 min, there was a considerable increase in temperature (mean — 6C at a depth of 2 cm). Repeated irradiations produced even greater temperature increases (mean — 8—9C after the 5th irradiation) which attested to the role of the CNS in thermoregulatory processes and the fact that intense UHF is a powerful disrupter of adaptive processes. In general, depending upon field-flux density, intervals between irradiation, and circulatory and nervous activity, UHF can evoke a cumulative or adaptive reaction. The data in this experiment demonstrated the adaptive response to UHF. Orig. ar. has: 2 tables.

(CD)

ASSOCIATION: Laboratoriya deystvitel'nogo chlena AMN SSSR prof. I. R. Petrova
(Laboratory of member of AMN SSSR, Professor I. R. Petrov)

SUBMITTED: 06Feb64

ENCL: 02

SUB CODE: IS

NO REF SOV: 004

OTHER: 003

ATD PRESS: 4043

Card 2/4

L 13259-65 EWT(1)/EWT(m)/EEC-4/EEC(t)/EEC(b)-2/FCS(k) Pac-4/Pac-2/P1-4/
Pj-4/P1-4 BSD/ASD(a)-5/AFETR/AFTC(b)/ASD(d)/RAEM(a)/ESD(c)/ESD(gs)/ESD(t)
ACCESSION NR: AT4046244 JD/WR S/2535/64/000/159/0309/0322

AUTHOR: Semenov, A.I., (Engineer)

TITLE: Radiation from a longitudinally bent waveguide with a surface wave

SOURCE: Moscow. Aviatsionnyy institut. Trudy*, no. 159, 1964. Skaniruyushchiye anteny* sverkhvysokikh chastot (Super-high frequency scanning antennas), 309-322

TOPIC TAGS: antenna theory, frequency scanning, superhigh frequency, waveguide

ABSTRACT: The radiation of electromagnetic waves in the longitudinal bend of waveguides with surface waves has been discussed in a rather limited number of papers, and then only in connection with the investigation of waveguides of this type in terms of their use as feeder or transmission lines. However, the question of employing the electromagnetic wave radiation of bent waveguides for the creation of antenna systems has had, practically speaking, almost no theoretical study, despite the availability of some information regarding the practical utilization and experimental investigation of bent waveguide sections with surface waves as antenna elements. The formulation of the problem is as follows. Over a bent planar impedance structure (see Fig. 1 of the Enclosure), a surface electromagnetic wave is travelling, whose direction of propagation

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L 13259-65

ACCESSION NR: AT4046244

coincides with the plane of the bend. The unbent sections of the structure extend to infinity in both directions from the ends of the bend. The system is also assumed to be infinite along the Z axis, which is the axis of the bend. For an approximate solution for this configuration, when some scalar function describing the electromagnetic field on the surface of the radiating system is known, the author finds it convenient to use the Kirchhoff scalar function. The basic assumptions adopted are set forth, with the magnetic field component taken as the function characterizing the electromagnetic field on the waveguide surface. A formula is derived which indicates that the amplitude of the wave leaving the bend is $e^{-C\psi_p}$ times smaller than the amplitude of H_z (magnetic field component) entering it. Noting that the case in which $e^{-C\psi_p} \gg 1$ is of the greatest interest from the point of view of antennas (since in this case almost all the energy incident to the bend is radiated), the author emphasizes it in the subsequent sections of his text. A basic expression is thus obtained in which the third integral may be omitted, with the remaining two terms integrated separately. Expressions are further derived for the radiation from the bent section, and the article concludes with the construction of a radiation pattern of the radiated field on the basis of a formula developed in the text. Orig. art. has: 49 formulae and 3 figures.

Card 2/4

L 13259-65
ACCESSION NR: AT4046244

ASSOCIATION: Moskovskiy aviatsionnyy institut (Moscow Aviation Institute)

SUBMITTED: 00

ENCL: 01

SUB CODE: EC

NO REF SOV: 009

OTHER: 005

Card 3/4

L 13259-65
ACCESSION NR: AT4046244

ENCLOSURE: 01

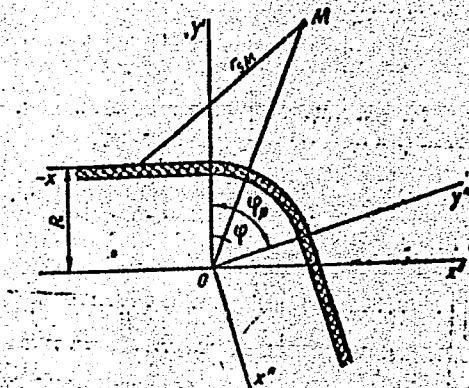


Fig. 1. Presentation of the problem

Card 4/4

SEMENOV, A.I.; SMYSLOV, A.A.

Petrographic and geochemical characteristics of the granites of
the Berkutinskiy Massif (northern Kazakhstan). Trudy VSEGEI 95:
45-60 '63. (MIRA 17:11)

SEMENOV, A.K.

Effectiveness of inseminating ewes with diluted semen of progeny-
tested rams. Zhivotnovodstvo 21 no.9:50-53 S '59.
(MIRA 13:1)

1. Glavnyy zootekhnik Pervomayskogo ovtsesovkhoza, Rostovskoy
oblasti.
(Artificial insemination) (Sheep)

SEMENOV, A. L.

"Experiment on the Objective Characterization of the Condition of the Nervous System of Patients With Pulmonary Tuberculosis." Dr Med Sci, Leningrad Inst for the Advanced Training of Physicians; Leningrad Sci-Res Inst of Tuberculosis, Leningrad, 1953. (RZhBiol, No 7, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (16).

SEMECH, A. L.

The Slutsk early red clover. Minsk, Izmereniye vyd-vo BSSR, 1984. 182.

SEMENOV, A. L., ~~XXXXX~~ Doc Agr Sci -- (diss) "The Red Clover
of Belorussia (Agrobiological Characteristic)." Minsk, 1957.
26 pp (Acad Agr Sci BSSR, Belorussian Sci Res Inst of Agr),
100 copies. List of author's works, ~~xx~~ pp 25-26 (KL, 52-57, 109)

M.

USSR/Cultivated Plants - Fodder:

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15705

Author : A.L. Semenov, K.S. Vlasova

Inst :

Title :

The Yielding Capacity of Corn Varieties and Hybrids
Having Different Fast Ripening Rates.
(Urozhaynost' sortov i gibridov kukuruzy raznoy
skorospelosti).

Orig Pub ; V sb.: Kukuruza v BSSR. Minsk, AN BSSR, 1957, 83-95

Abstract : The use of corn for ensilage in Bielorussia has been known since the 80's of the Nineteenth Century. At the "Ust'ye" Experimental Station in Orshanskiy Rayon, Vitebskaya Oblast' the yielding capacity of corn varieties has been studied which represent diverse groups (according to the ripening times) from the ultra quick ripening to the very late. Varieties were sown which are the most suitable for raising grain and the

Card 1/2

SEMENOV, A.L.

Measuring radio noise from the sun in the frequency of 209
megacycles. Soob. AN Gruz. SSR 22 no.4:413-416 Ap '59.
(MIRA 12:9)

1. AN Gruz SSR i Abastumanskaya astrofizicheskaya observatoriya.
Predstavleno akademikom Ye. K. Kharadze.
(Radio astronomy) (Solar radiation)

SEMENOV, A.M.; VERZUNOV, M.V.,

Increasing the stability of apparatus forming a single-band signal.
Elektrosviaz' 10 no.4:5-16 Ap '56. (MIRA 9:7)
(Modulation (Electronics))

SEME NOV, A. M.

Microflora of duodenal content and bile during inflammatory
diseases of the gallbladder and bile ducts. Klin. med.,
Moskva 29 no.8:90 Aug 1951. (CML 20:11)

1. Leningrad.

SEMFENOV, A. M.

Penicillin - Therapeutic Use

Treatment of cholecystitis and cholangitis by transduodenal administration of penicillin.,
Klin. med., 30, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

57. At 10:11
SEMENOV, A.M., kand.med.nauk (leningrad)

Case of progressive myositis ossificans. Klin.med. 35 no.7:135-139
Jl '57. (MIRA 10:11)

1. Iz kliniki gospiatal'noy terapii (nach. - chlen-korrespondent
AMN SSSR general-mayor meditsinskoy sluzhby prof. N.S.Molchanov)
Voyenno-meditsinskoy ordona Lenina akademii imeni S.M.Kirova.
(MYOSITIS OSSIFICANS, case reports,
progr. (Rus))

17(2)

SOV/177-58-11-37/50

AUTHOR: Semenov, A.M., Major of the Medical Corps

TITLE: Some Causes of Chronic Course of Botkin's Disease

PERIODICAL: Voenno-meditsinskiy zhurnal, 1958, Nr 11, p 85 - 86 (USSR)

ABSTRACT: Observations on 69 persons submitted in this article concern the pre-icteric and icteric period of Botkin's disease. In 17 patients an invasion of *gardia intestinalis* was observed and in 28 concomitant inflammatory processes of the vesica fellea and biliary passage. In the first case, the icteric period lasted on an average 58 days, in the second case - 34 days. In both cases the velocity of E.S. and the quantity of bilirubin in the blood serum was increased. The observations showed that complications of Botkin's disease by inflammatory processes of the gall bladder and the biliary passage, secondary infections and especially invasion of the *gardia in-*

Card 1/2

SOV/177-58-11-37/50

Some Causes of Chronic Course of Botkin's Disease

testinalis, delay and aggravate the course of Botkin's disease and require steady, differentiated and early treatment.

Card 2/2

L 62180-65 EMI(m) JD/JH
ACCESSION NR: AP5010464

UR/0294/65/003/002/0250/0252
533.21

19
15
B

AUTHOR: Semenov, A. M.

TITLE: Differential equation of state of a real gas

SOURCE: Teplofizika vysokikh temperatur, v. 3, no. 2, 1965
250-252

TOPIC TAGS: real gas, equation of state, molecular interaction,
virial theorem

ABSTRACT: A method is proposed, which makes it possible under certain limitations to establish, for a definite type of intermolecular interaction (such as the Lennard-Jones potential), the thermal and caloric equations of state of a system with interacting molecules, accurate to two arbitrary functions of one variable. This is a simplification of the hitherto employed standard procedure, wherein the equilibrium properties of a system of interacting molecules must be calculated from the thermal equation of state of the system and from

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the dependence of the internal energy on the temperature. The new method is based on a simultaneous application to the system in question of several relations from classical mechanics and thermodynamics, namely the Clausius virial theorem, the Euler theorem on homogeneous functions, and some of the fundamental laws of thermodynamics. In conclusion we thank E. E. Shpil'rayn for continuous interest and R. I Artym and G. A. Spiridonov for useful and serious criticism. Original article has: 14 formulas

ASSOCIATION: Nauchno-issledovatel'skiy institut vysokikh temperatur
(Scientific Research Institute of High Temperatures)

SUBMITTED: 09Jul64

ENCL: 00

SUB CODE: TD, NF

NR REF SOV: 000

OTHER: 001

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